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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Samuel L Stupp et al.

Title: Charged Peptide-Amphiphile Solutions  
and Self-Assembled Peptide Nanofiber  
Networks Formed Therefrom

Appl. No.: 10/645,304

Filing Date: August 21, 2003

Examiner: Cordero Garcia

Art Unit: 1654

Atty Docket No: NANO104.00US2

Honorable Commissioner for Patents  
P.O Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO  
OFFICE ACTION MAILED JUNE 27 2006**

Dear Sir:

In response to the Office Action dated June 27, 2006, please enter the following  
amendments and remarks:

Amendments to the claims are reflected in this listing of the claims which begins  
on page 2 of this paper; and

Remarks begin on page 9 of this paper.